

CLAIMS

1. An antenna device comprising:

a looped conductor portion comprised of a looped conductive wire; and

a shield member which as a whole covers said looped conductor portion and which has a non-covered portion where said shield member does not covers said looped conductor portion, said non-covered portion corresponding to a portion of said conductive wire including a reference position concerning the symmetry of two terminals for connection between said antenna device and a reception circuit; wherein

a first line for connecting one end of said conductive wire to ground and a second line for connecting said shield member to ground are physically and individually provided.

2. The antenna device as set forth in claim 1, further comprising a feeder cable for connecting said conductive wire in said looped conductor portion to said reception circuit side, wherein

said feeder cable comprises a predetermined number of core wires including at least a core wire serving as said first line, and a covered wire provided so as to cover said core wires and connected between said shield

member and ground.

3. The antenna device as set forth in claim 1,

wherein

    said shield member is a pipe member having an outside shape corresponding to the loop shape of said looped conductor portion,

    a conductive member of said looped conductor portion is contained in the inside of said pipe member, and

    said non-covered portion is formed as a portion where said conductive member of said looped conductor portion is not covered by said pipe member.

4. The antenna device as set forth in claim 1, comprising one shield wire including at least one core wire as a conductive member of said looped conductor portion and a covered wire as said shield member.

provided so as to cover said core wire, wherein

    said non-covered portion is formed as a portion where said core wire is not covered by said covered wire in said shield wire.

5. The shield member as set forth in claim 1,

wherein

    said shield member is a conductive foil member provided so as to cover the periphery of said looped

conductor portion, and

    said non-covered portion is formed as a portion  
    where said core wire is not covered by said conductive  
    foil member.

6. The shield member as set forth in claim 5,  
    further comprising a spool member around which a  
    conductor wire of said looped conductor portion covered  
    by said conductive foil member is wound in a loop shape.

7. A method of manufacturing an antenna device,  
    comprising, at least the steps of:

    arranging a conductive foil member as a shield  
    member for shielding a looped conductor portion,  
    relative to a spool portion placed along a loop shape of  
    said looped conductor portion in a spool member, the  
    conductive foil member being not arranged at a position  
    corresponding to a portion of said looped conductor  
    portion including a reference position concerning the  
    symmetry of connection portions for connecting both end  
    portions of said looped conductor portion to the  
    reception circuit side;

    winding a conductive wire as said looped conductor  
    portion around said spool portion from the upper side of  
    said conductive foil member arranged by said arranging  
    step; and

covering said conductive wire with said conductive foil member so that said conductive wire wound by said winding step is covered with said conductive foil member.